| Ref<br>#    | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-------------|------|---|---|---------------------|---------|------------------|
| L1          | 1    | band same (circle circular) same<br>ring same frequency same<br>watermark | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:37 |
| L2          | 4    | band same (circle circular) same frequency same watermark                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:43 |
| <b>L3</b> / | 11   | (band same (circle circular) same frequency) and watermark                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:45 |
| L4          | 7    | 3 not 2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:44 |
| L5          | 2    | embed\$4 same (watermark bit data) same (cicle cicular)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:47 |
| L6          | 49   | (watermark bit data) same (cicle cicular)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 16:47 |
| L8          | 197  | (dft (discrete adj fourier adj<br>transform)) same watermark\$3           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 19:33 |
| L9          | 2351 | inverse near (dft (discrete adj<br>fourier adj transform))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2008/01/04 19:33 |

| r   |       |   |   | г  |    |                  |
|-----|-------|---|---|----|----|------------------|
| L10 | 37    | L8 and L9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L11 | 3     | (US-20040050931-\$ or<br>US-20030228031-\$ or<br>US-20030012402-\$).did. or<br>(US-7123741-\$).did. | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 19:33 |
| L12 | 1     | magnitude and L11   | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 19:33 |
| L13 | 64719 | (luminance and chrominance)<br>("U(Cb)" "V(Cr)")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L14 | 197   | (dft (discrete adj fourier adj<br>transform)) same watermark\$3                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L15 | 2351  | inverse near (dft (discrete adj<br>fourier adj transform))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L16 | 34    | L13 and L14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L17 | 4     | L16 and L15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L18 | 763   | ((luminance and chrominance)<br>("U(Cb)" "V(Cr)")) and (rgb and<br>cmyk)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |

|     |     |  | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                            |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| L19 | 5   | L18 and L14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L20 | 658 | extract near luminance   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L21 | 368 | yuv and rgb and cmyk   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L22 | 8   | L20 and (rgb and cmyk)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L23 | 4   | L22 and L14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L24 | 4   | (US-20040050931-\$ or<br>US-20030228031-\$ or<br>US-20030012402-\$).did. or<br>(US-7123741-\$ or US-6590996-\$).<br>did. | US-PGPUB;<br>USPAT  | OR | ON | 2008/01/04 19:33 |
| L25 | 5   | L21 and L14  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L26 | 86  | (size near standar\$6) same (digital<br>adj image)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |

| L27 | 94  | ((size near standar\$6) (scal\$3 near<br>standar\$6)) same (digital adj<br>image) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
|-----|-----|---|---|----|----|------------------|
| L28 | 1   | L14 and L27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L29 | 28  | (scal\$3 near (digital adj (data image))) same standard                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L30 | 83  | (scal\$3 near (data image)) same<br>(standard near2 size)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L31 | 3   | L27 and watermark\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L32 | 656 | (scal\$3 near (digital adj (data<br>image)))                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L33 | 2   | L29 and watermark\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |
| L34 | 1   | (scal\$3 near (digital adj (data<br>image))) same (standard near2<br>size)        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/04 19:33 |

|     |     |   |   | r  | <u> </u> | <del>                                     </del> |
|-----|-----|---|---|----|----------|--|
| L35 | 3   | L30 and watermark\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L36 | 1   | (scal\$3 near (digital adj (data<br>image))) same (standard near2<br>size)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L37 | 1   | L36 and DFT   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L38 | 1   | L30 and DFT   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L39 | 282 | ((scale re\$size) near (data image))<br>and DFT                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L40 | 24  | L39 and L14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L41 | 2   | L32 and DFT   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |
| L42 | 282 | ((scale re\$size ((change adjust)<br>near1 size)) near (data image)) and<br>DFT | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON       | 2008/01/04 19:33                                 |

|     |      |                      |   | · · · · · · |      | T                |
|-----|------|----------------------|---|-------------|------|------------------|
| L43 | 733  | 713/150.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON . | 2008/01/04 19:33 |
| L44 | 2738 | 382/232.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON   | 2008/01/04 19:33 |
| L45 | 346  | 348/460.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON   | 2008/01/04 19:33 |
| L46 | 2690 | 713/176.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON   | 2008/01/04 19:33 |
| L47 | 28   | L39 and watermark\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON   | 2008/01/04 19:33 |
| L48 | 2740 | 382/100.ccls.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR          | ON   | 2008/01/04 19:33 |

Interference Search

| Ref<br># | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|--|--------------------|---------------------|---------|------------------|
| L1       | 1    | (band and (circle circular) and ring and frequency and watermark).clm.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/04 19:52 |
| L2       | 350  | (embed\$4 and (watermark bit data) and (circle circular)).clm.   | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/04 19:53 |
| L3       | 90   | (embed\$4 and (watermark bit data) and (circle circular) and frequency). clm.  | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/04 19:53 |
| L4       | 3    | (embed\$4 and (watermark bit data) and (circle circular) and frequency and (dft (discrete near1 fourier near1 transform\$5))).clm. | US-PGPUB;<br>USPAT | OR                  | ON      | 2008/01/04 19:54 |